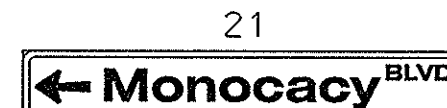
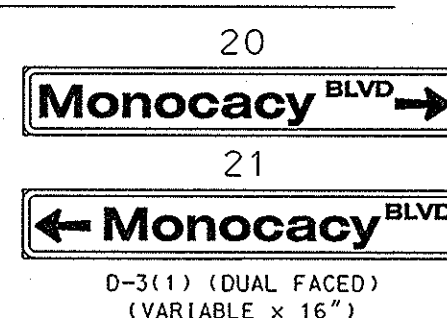
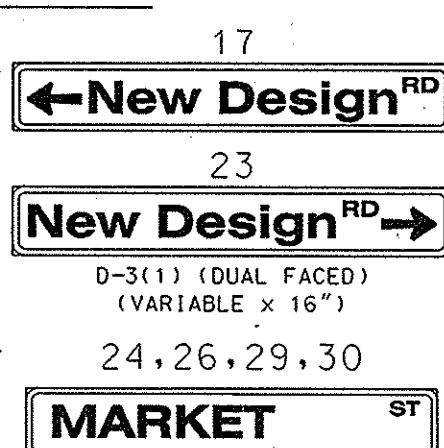


MD 355 IS ASSUMED TO RUN  
IN A NORTH-SOUTH DIRECTION

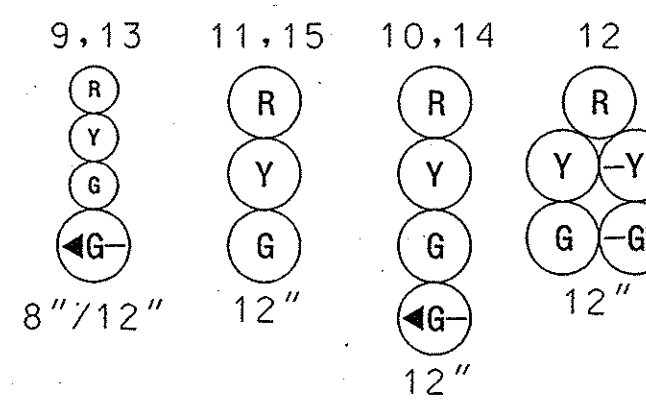


EXISTING VIDEO  
DETECTION CAMERA

a,b,c,d

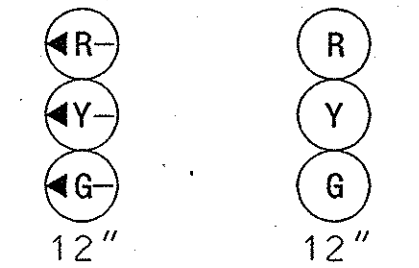
TELEPHONE 19'-5"  
TELEPHONE 22'-0"  
CABLE 24'-1"  
FIBER 26'-3"  
SECONDARY 29'-10"  
PRIMARY 35'-5"

EXISTING  
SIGNAL HEADS  
TO REMAIN



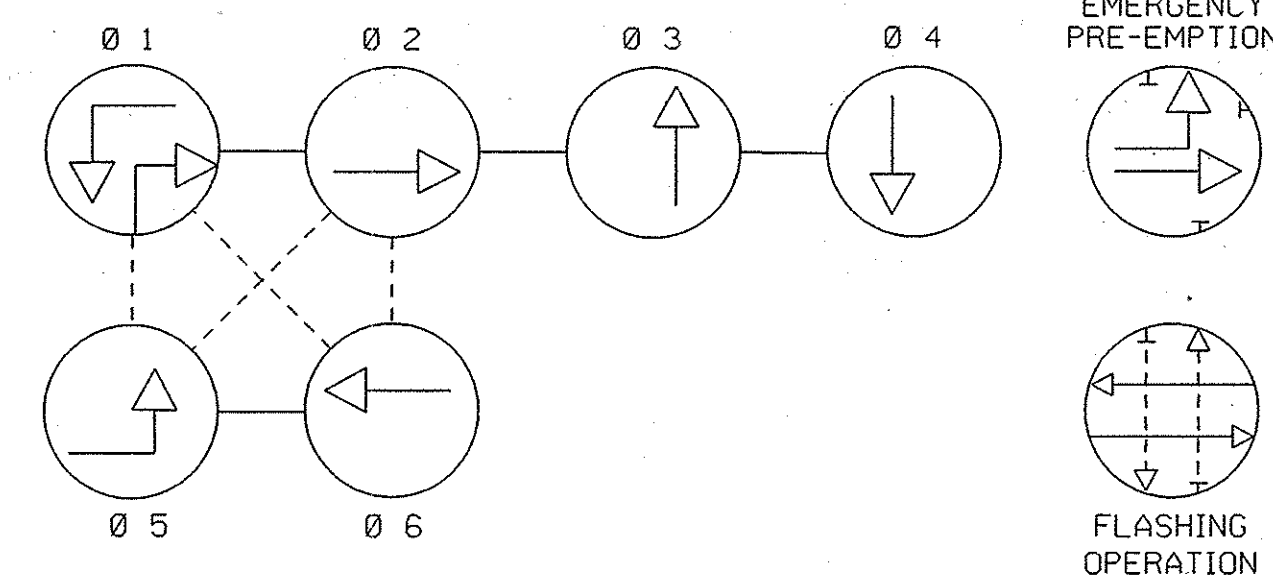
EXISTING SIGNALS  
TO BE RELOCATED  
(SHOWN AT FINAL  
LOCATION)

1,2,5,6 3,4,7,8



RIGHT-OF-WAY LINE

NEMA PHASING



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.

MD 355 (MARKET ST)

MD 355 (MARKET ST)

#### CONSTRUCTION DETAILS

- INSTALL 27 FT. STEEL POLE (POLE SHALL BE ORIENTED FOR FUTURE MAST ARM INSTALLATION FOR THE MONOCACY BLVD. APPROACH). (INSTALL 1-2 IN. AND 1-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE ELECTRICAL CONDUIT BENDS IN POLE BASE).
- INSTALL HANDHOLE.
- INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 4 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).
- INSTALL 3 IN. SCHEDULE 80, POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- RELOCATE EXISTING SIGNAL HEADS, SIGNS AND OPTICOM DETECTOR EYE ON SPAN WIRE AS NOTED.
- USE EXISTING HANDHOLE.
- ADJUST VIDEO DETECTION CAMERA(S) TO ENSURE PROPER DETECTION DUE TO SHIFTING OF TRAVEL LANES. ADJUSTING OF VIDEO DETECTION CAMERA WILL NOT BE MEASURED AND PAID BUT WILL BE INCIDENTAL TO THE VIDEO TRAFFIC DETECTION CAMERA UNIT COST.
- INSTALL 24 IN. WHITE REMOVABLE PREFORMED PAVEMENT LINE MARKINGS (STOP LINE).

#### LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE \_\_\_\_\_ A  
ELECTRICAL \_\_\_\_\_ E  
TELEPHONE \_\_\_\_\_ T  
GAS \_\_\_\_\_ G  
SEWER \_\_\_\_\_ SS  
STORM DRAIN \_\_\_\_\_ SD  
WATER \_\_\_\_\_ W  
CABLE TV \_\_\_\_\_ TV

**WR&A**  
Whitman, Reardon  
and Associates, LLP  
801 South Caroline Street  
Baltimore, Maryland 21231  
(410) 235-3450

WORK AREA  
PAVEMENT TO  
BE REMOVED  
TEMPORARY PAVEMENT  
PLASTIC DRUM  
CONCRETE BARRIER

#### GENERAL NOTES

- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
- VERIFY PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
- ALL HANDHOLES SHALL BE INSTALLED AT FINAL GRADE.
- THE SIGNAL CONTRACTOR SHALL DETERMINE IF ANY WORK BY OTHER CONTRACTORS CAN NOT BE COMPLETED UNTIL INSTALLATION OF SIGNAL EQUIPMENT IS COMPLETE. THE SIGNAL CONTRACTOR SHALL NOTIFY OTHER CONTRACTORS OF THIS WORK.
- REFER TO SHEET TSP-15 FOR DIMENSIONS OF SIGNAL EQUIPMENT WITHIN INTERSECTION.
- SEE MAINTENANCE OF TRAFFIC PLANS FOR ADDITIONAL PAVEMENT MARKING DETAILS.

#### SPECIAL NOTE:

CONTRACTOR SHALL INSTALL CONDUIT AT SUFFICIENT DEPTH TO AVOID DISTURBANCE DURING ROADWAY CONSTRUCTION. CONDUIT SHALL BE INSTALLED PRIOR TO BEGINNING ROADWAY CONSTRUCTION.

STAGE 2 - TSP-2

REVISIONS	APPROVALS
① REBUILD TRAFFIC SIGNAL DUE TO GEOMETRIC IMPROVEMENTS CONTRACT NO. 6426572 2/23/2005	TEAM LEADER - TRAFFIC ENGINEERING DESIGN DIVISION
SRB NML [Signature] ② PHASING CHANGE TO SPLIT SIDE STREET SHA NO. BW9961482 3/2004	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
③ REDLINE REVISION NO. 3 NEW SHEET 2/15/2000	CHECKED - TRAFFIC ENGINEERING DESIGN DIVISION
JPL ④ REDESIGN SIGNAL FOR REALIGNING OF WB I-70 RAMP	DIRECTOR, TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
TRAFFIC SIGNALIZATION PLAN  
MD 355 AND MD 914 (NEW DESIGN RD.)/MONOCACY BLVD.

DRAWN BY: S. BLOSS  
CHECKED BY: N. LEARY  
SCALE: 1" = 20'  
DATE: 8-12-99

F.A.P. NO. 39296  
S.H.A. NO. COUNTY: FREDERICK  
LOG MILE:

TS NO. 39296  
T.I.M.S. NO. 4813  
SHEET NO. OF